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## Research on the Biology of the Tortugas Shrimp

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and some of the preliminary findings on the Tortugas shrimp fishery. Analysis of historical records of dealers selling only large shrimp brings to light the possibility that the trend in the average catch per boat per night for each year has not changed greatly since the fishery began. Also, the distribution of sizes landed by dealers has not undergone a regular change over this same time. A rather clear cut size-depth relationship existed early in 1957, i.e., the majority of small shrimp are found in shallow water and the majority of large in deep water. There is evidence to suggest that the fishery at times markedly reduces the number of various sizes of shrimp available. A program of tagging, using Petersen tags, to study growth and migration is described.